## **PCT**

## **REQUEST**

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

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PCT/EP 0 2 / 1 1 6 9 4

18 OCT 2002 18. 10. 2002

**EUROPEAN PATENT OFFICE** PCT INTERNATIONAL APPLICATION

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference (if desired) (12 characters maximum) PCT 1734-035/pa

			(1) 44.11/64) (12 6/	ia, acie	and maximum y
2022100	FINVENTION I REARRANGE	MENT FOR A	RQ TRANSM	IT DI	VERSITY SCHEMES
Box No. II APPLICA	ANT	This persor	ı is also inventor		
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.			in this	Telephone No.	
			;	Facsimile No.	
1006 Kadoma, Kadoma City Osaka 571-8500			·	Teleprinter No.	
JAPAN					Applicant's registration No. with the Office
State (that is, country) of 1	nationality:		State (that is, co	ountry)	of residence:
This person is applicant for the purposes of:	all designated States	all designated the United St	d States except rates of America		the United States of America only the States indicated in the Supplemental Box
Box No. III FURTHE	CR APPLICANT(S)	AND/OR (FURTI	HER) INVENTO	R(S)	
Name and address: (Famil The address must include post Box is the applicant's State (th WENGERTER, C Bahnhofstr. 10d D-63924 Kleinher GERMANY	tal code and name of cour at is, country) of residence Christian	ntry. The country of th	ne address indicated	in this	This person is:  applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office
State (that is, country) of 1	nationality:		State (that is, co	ountry)	of residence:
This person is applicant for the purposes of:	all designated States	all designated the United St	d States except ates of America	X	the United States of America only the States indicated in the Supplemental Box
Further applicants a	and/or (further) invent	ors are indicated o	n a continuation s	sheet.	_
Box No. IV AGENT	OR COMMON REP	RESENTATIVE	OR ADDRESS	FOR	CORRESPONDENCE
The person identified beloof the applicant(s) before	ow is hereby/has been the competent Interna	appointed to act of attional Authorities	n behalf as:	X	agent common representative
Name and address: (Famil The ad	y name followed by given dress must include posta	name; for a legal enti I code and name of co	ty, full official design nuntry.)	ation.	Telephone No. 089 21 23 50
KUHL, Dietmar Grünecker, Kinke	eldev. Stockma	ir	•		Facsimile No. 089 22 02 87
& Schwanhäusser Anwaltsozietät			Teleprinter No.		
Maximilianstr. 58 80538 München					
GERMANY				Agent's registration No. with the Office EPO NO 72	
Address for corres	pondence: Mark this instead to indicate a	s check-box where special address to	no agent or comm	ion rep lence s	presentative is/has been appointed and the should be sent.

Sheet No. ...2...

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)  If none of the following sub-boxes is used, this sheet should not be included in the request.					
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residence of Country of the Alexander of Country of Nationality:	tity, full official designation. the address indicated in this nee is indicated below.)  applicant only				
DE	DE DE				
This person is applicant for the purposes of:  all designated states all designated the United States	ed States except States of America  the United States of America only the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of re	the address indicated in this 1				
State (that is, country) of nationality:  DE	State (that is, country) of residence:  DE				
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State (that is, country) of nationality:	State (that is, country) of residence:				
This person is applicant all designated all designated the United	the States except States of America only the States indicated in the Supplemental Box				
Further applicants and/or (further) inventors are indicated on another continuation sheet.					

Sheet No. ...3...

Bo	No.	V DESIGNATION OF STATES	Mark the applicable check-boxes below; at least one must be marked.			
The following designations are hereby made under Rule 4.9(a):						
		al Patent				
K.	V D	ARIPO Patent: GH Ghana. GM	Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan,			
		SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line)				
K		Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT				
<b>X</b>		European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT				
		OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)				
Na	tion	al Patent (if other kind of protection or	treatment desired, specify on dotted line):			
		United Arab Emirates 🔀	GM Gambia NZ New Zealand			
K	AG.		HR Croatia			
X	AL.	Albania	HU Hungary			
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	AU.	Azerbaijan	IS Iceland RU Russian Federation			
	RA	Rosnia and Herzegovina	JP Japan			
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K	BG	Bulgaria	KG Kyrgyzstan			
K	BR	Brazil	KP Democratic People's Republic SG Singapore			
	RV	Relanis	of Korea			
K	BZ	Belize	KR Republic of Korea			
			KZ Kazakhstan SL Sierra Leone			
	CH (	& LI Switzerland and Liechtenstein 🗵	LC Saint Lucia TJ Tajikistan			
		China				
X	CO		LR Liberia TN Tunisia			
X	CR	Costa Rica	LS Lesotho			
X	CU	Cuba	LU Luxembourg			
X	CZ	Czech Republic	LV Latvia TZ United Republic of Tanzania			
	DE	Germany	MA Morocco			
		Denmark	MD Republic of Moldova			
		Dominica Algeria	US United States of America			
			MG Madagascar			
	EC	Ectadol	MKThe former Yugoslav Republic of UZ Uzbekistan			
	EC	Spain	Macedonia VN Viet Nam			
X	FI	Finland	MN Mongolia YU Yugoslavia			
X		United Kingdom	MWMalawi			
-			MX Mexico ZM Zambia			
X	GE	Georgia	MZ Mozambique ZW Zimbabwe ZW Zimbabwe			
X	GH	Ghana	NO Norway			
C1	ank L	poves below reserved for designating St.	ates which have become party to the PCT after issuance of this sheet:			
X	V/C	? Sown Wheen and [	)			
the exercises						
			dition to the designations made above, the applicant also makes under Rule 4.9(b) all			

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Sheet No. ...4...

Box No. VI PRIORITY	CLAIM				
The priority of the following	earlier application(s) is herel	oy claimed:			
Filing date Number		W	here earlier application	is:	
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office	
item (1)					
item (2)					
item (3)					
item (4)					
item (5)	:	7			
Further priority claims	are indicated in the Suppleme	ental Box.			
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:    all items   item (1)   item (2)   item (3)   item (4)   item (5)   Other, see Supplemental Box  * Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):  Box No. VII INTERNATIONAL SEARCHING AUTHORITY  Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):					
ISA /		<u></u>			
Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):  Date (day/month/year)  Number  Country (or regional Office)					
Box No. VIII DECLARA	rions			description of the second of t	
The following declarations check-boxes below and indica	are contained in Boxes Nos. ate in the right column the num	VIII (i) to (v) (mark the a nber of each type of declar	applicable cation):	Number of declarations	
Box No. VIII (i)	Declaration as to the identi	ty of the inventor		:	
Box No. VIII (ii)  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent					
Box No. VIII (iii)	Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :				
Box No. VIII (iv)	Declaration of inventorship (only for the purposes of the designation of the United States of America)				
Box No. VIII (v)	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :				

Sheet No. ...5...

Box No. IX CHECK LIST; LANGUAGE OF FILING				
This international application is accompanied by the following instems of sheets in paper form: request (including declaration sheets)				
Munich, October 16, 2002				
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Date of actual receipt of the purported international application:	1 8 OCT 2002 (1 8. 10. 02)	2. Drawings:		
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:				
4. Date of timely receipt of the required corrections under PCT Article 11(2):				
5. International Searching Authority (if two or more are competent): ISA /  6. Transmittal of search copy delayed until search fee is paid				
For International Bureau use only				
Date of receipt of the record copy by the International Bureau:				